

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A method for processing macros of varying grammatical invocation by a pre-processor having a lexer, a glue routine, a macro invocation parser and a parser, said method comprising:

receiving an identifier token from source code;

in response to said received identifier token matching a macro ~~identifier~~ stored in a symbol table:

replacing said identifier token with a corresponding macro form token
~~corresponding to said identifier token from said symbol table;~~

sending said macro form token to said glue routine;

invoking said macro invocation parser by said glue routine;

continuously receiving ~~transferring~~ tokens ~~to~~ by said macro invocation parser via said glue routine until a completion of said macro invocation;
and

sending a macro body definition of said macro to said lexer by said macro invocation parser.

2. (original) The method of Claim 1, wherein said receiving step is performed by a lexer.
3. (original) The method of Claim 1, wherein said replacing step is performed by a lexer.

4. (original) The method of Claim 1, wherein said sending step is performed by a lexer.
5. (original) The method of Claim 1, wherein said transferring step further includes transferring tokens from a lexer to said macro invocation parser.
6. (currently amended) A computer program product residing on a computer usable medium for processing macros of varying grammatical invocation by a pre-processor having a lexer, a glue routine, a macro invocation parser and a parser, said computer program product comprising:

program code means for receiving an identifier token from source code;

in response to said received identifier token matching a macro ~~identifier~~ stored in a symbol table;

program code means for replacing said identifier token with a corresponding macro form token ~~corresponding to said identifier token from said symbol table~~;

program code means for sending said macro form token to said glue routine;

program code means for invoking said macro invocation parser by said glue routine;

program code means for continuously receiving ~~transferring~~ tokens ~~to~~ by said macro invocation parser via said glue routine until a completion of said macro invocation; and

program code means for sending a macro body definition of said macro to said lexer by said macro invocation parser.

7. (original) The computer program product of Claim 6, wherein said program code means for receiving is a lexer.
8. (original) The computer program product of Claim 6, wherein said program code means for replacing is a lexer.
9. (original) The computer program product of Claim 6, wherein said program code means for sending is a lexer.
10. (original) The computer program product of Claim 6, wherein said program code means for transferring further includes computer code means for transferring tokens from a lexer to said macro invocation parser.